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FROM: 
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TO: Division of Engineering, Construction, Operations, Program Delivery,
IDP, TIA, P3, Engineering Services, Utilities, and Field Districts

SUBJECT: **Recommended Practice for Design and Maintenance of Roadway
and Parking Facility Lighting (IES RP-8)**

Illumination Engineering Society (IES) has released the new RP-8 *Recommended Practice for Design and Maintenance of Roadway and Parking Facility Lighting*. This updated manual supersedes the following IES guidance manuals:

- RP-8-14, Roadway Lighting
- RP-20-14, Lighting for Parking Facilities (revised 2016)
- RP-22-11, Tunnel Lighting
- DG-4-14, Design Guide for Roadway Lighting Maintenance
- DG-19-08, Design Guide for Roundabout Lighting
- DG-21-15, Design Guide for Residential Street Lighting
- DG-23-14, Design Guide for Toll Plazas
- DG-26-16, Design Guide for Lighting the Roadway in Work Zones
- DG-28-15, Design Guide for Selection, Installation, Operations and Maintenance of Roadway Lighting Control Systems
- LM-50-13, Photometric Measurement of Roadway and Street Lighting Installations
- LM-71-14, Photometric Measurement of Tunnel Lighting Installations
- TM-10-00(R2011), Addressing Obtrusive Light in Conjunction with Roadway Lighting

This IES Recommended Practice is a compilation of above mentioned guidance manuals. Changes affecting photometric calculations are negligible. Per IES, each chapter should not be taken in isolation but used as a whole for quality lighting design for roadways and other environments where vehicles are present, such as tunnels, intersections, and parking lots.

All lighting designs with initial photometric submittals after July 1, 2019 must adhere to the new IES RP-8 guidelines. Chapter 14 of the GDOT Design Policy Manual is currently being updated and will be published shortly.

If you have any questions, please contact Robert Graham at (404) 631-1684 or rgraham@dot.ga.gov.

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